Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 08 Dec 2020 until 23:59 on Wednesday 09 Dec 2020

Forecast Issued on Monday 07 Dec 2020 at 15:40

Confidence: High confidence for an unsettled week with bands of rain, Wednesday looks like the best day in the 5 day outlook.

Headline for Tuesday 08 Dec 2020: A wet and dull day with fresh southwesterly winds and poor visibility around the Peak District.

Mountain weather hazards on Tuesday 08 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Dull	Sleet	Light rain	Light rain	Light rain
Precipitation probability							
20%	20%	20%	30%	50%	50%	70%	70%

Forecast for Tuesday 08 Dec 2020

Weather: Staying dry but cloudy overnight and in the morning, however outbreaks of rain will soon spread across the Peak District by lunchtime, these will be wintery on high ground to begin with but as freezing level rises it will become increasingly rainy. Rain will be more persistent for a time in the afternoon becoming lighter and more showery in the evening.

Chance of cloud free mountain/hill tops above 600m: 60% in the morning but becoming 20% in the afternoon as low cloud becomes quite extensive above 3-400m.

Visibility: Good at first but soon falling moderate or poor for the rest of the day, in any wintery weather it will be very poor.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 08 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 SW	13/18 SW	15/20 SW	15/22 SW	16/23 SW	18/26 SW	16/23 SW	14/21 SW	13/20 W
300	7/11 SW	9/14 SW	9/15 SW	10/17 SW	12/18 SW	13/20 SW	13/20 SW	10/17 SW	10/16 W
Valley	3/9 SW	5/13 SW	6/13 SW	7/15 SW	9/18 SW	9/20 SW	9/19 SW	7/16 SW	7/15 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-0/-6	-0/-6	0/-5	1/-5	1/-5	2/-4	2/-3	2/-3
300	1/-2	1/-3	2/-2	2/-2	3/-2	3/-1	4/-1	4/0	4/1
Valley	1/-1	2/-1	2/-1	2/-1	3/-0	4/0	4/1	4/2	4/2
Freezing Level*	500m	600m	600m	700m	800m	800m	1000m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

As freezing level rises on Tuesday there will be some snowmelt from 5-800m in addition to the rainfall which may cause watercourses to swell. Feeling cold on the hills in strong northwesterly winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 07 Dec 2020	7.2mm	13.2mm	17.2mm

Forecast for Wednesday 09 Dec 2020

Weather: Perhaps some light rain before dawn but then a mainly dry and bright day, perhaps some early mist and fog in prone spots and an early frost is likely. There may be the odd shower.

Maximum wind: Northwesterly backing southerly 10-15mph

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops, perhaps some low cloud shrouding the tops around dawn.

Visibility: Good or very good.

Temperature: **Valleys:** Plus 5 Celsius.
At 600m: Plus 2 Celsius
Freezing level: 900m

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